

METHODS AND SYSTEMS FOR REDUNDANT CONTROL AND/OR FAILURE  
DETECTION

ABSTRACT OF THE DISCLOSURE

Redundant control systems and/or failure detection systems and associated methods are disclosed herein. In one embodiment of the invention, the control system can include a first control link that transmits control inputs between at least one control input device and at least one control output device and a second control link, at least one portion of which is changeable from a disengaged state to an engaged state, the at least one portion being inactive when in the disengaged state. In another embodiment, the control system can include at least one detection system that detects failures of a control link. In yet another embodiment, the second control link can be automatically engaged when a failure in the first control link is detected.